TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
Spot	p-value	Clone	Description	Accession	HT/non-HT
4530	0.049002	mioa8851	I factor (complement) (IF), mRNA /cds=(15,1766) /gb=NM_000204 /gi=4504578 /ug=Hs.36602 /len=1963	NM_000204	1.01
13184	0.049002	miob7267	mRNA for KIAA1903 protein, partial cds	AB067490	0.72
1946	0.049002	fcr7349	no match		1.45
9985	0.049002	mioc5695	mRNA from chromosome 5q21-22, clone:843Ex. /gb=AB002449 /gi=2943812 /ug=Hs.182723 /len=1228	AB002449	2.44
12626	0.049002	seoa0739	no match		1.27
8668	0.049002	miob9788	AGENCOURT_6461316 NIH_MGC_88 cDNA clone IMAGE:5559480 5', mRNA sequence /clone=IMAGE:5559480 /clone_end=5' /gb=BM802105 /gi=19118928 /ug=Hs.48376 /len=1152	BM802105	0.57
13702	0.049002	mioc0455	mRNA for KIAA0551 protein, partial cds. /cds=(192,4349) /gb=AB011123 /gi=20521082 /ug=Hs.170204 /len=5727	AB011123	1.55
14386	0.049002	seoc0659	UI-E-EJ0-aik-i-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-aik-i-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-aik-i-20-0-UI /clone_end=5' /gb=BM727413 /gi=19048746 /ug=Hs.112619 /len=1667	BM727413	1.03
6592	0.049002	seoa9709	methylene tetrahydrofolate dehydrogenase (NAD dependent), methenyltetrahydrofolate cyclohydrolase (MTHFD2), nuclear gene encoding mitochondrial protein, mRNA /cds=(77,1111) /gb=NM_006636 /gi=13699869 /ug=Hs.154672 /len=2154	NM_006636	0.87
4774	0.047	seob2959	ribosomal protein S19 (RPS19), mRNA /cds=(70,507) /gb=NM_001022 /gi=14591914 /ug=Hs.298262 /len=569	NM_001022	1.09
11724	0.047	fcrc4916	chromosome 14 open reading frame 2 (C14orf2), mRNA /cds=(61,237) /gb=NM_004894 /gi=4758939 /ug=Hs.109052 /len=627	NM_004894	1.19
9596	0.047	seoc1025	vimentin (VIM), mRNA /cds=(123,1523) /gb=NM_003380 /gi=4507894 /ug=Hs.297753 /len=1851	NM_003380	0.79
8508	0.047	ncrb2742	602384282F1 NIH_MGC_93 cDNA clone IMAGE:4513125 5', mRNA sequence /clone=IMAGE:4513125 /clone_end=5' /gb=BG289274 /gi=13044952 /ug=Hs.202537 /len=776	BG289274	0.77
1389	0.047	fcrb9145	heparan sulfate proteoglycan (HSPG2) mRNA, complete cds	M85289	1.19
12604	0.047	seoc6182	TAF4b RNA polymerase II, TATA box binding protein (TBP)-associated factor, 105kDa (TAF4B), mRNA	XM_290809	1.16
12725	0.047	ncrb4306	BAC clone RP11-58H15 from 4, complete sequence	AC104685	0.34

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
13207	0.047	mioc2074	ARP8 actin-related protein 8 (yeast) (ACTR8), mRNA /cds=(5,1129) /gb=NM_022899 /gi=12597636 /ug=Hs.124219 /len=2797	NM_022899	1.58
10888	0.045065	ncrc5844	UI-H-DH0-aul-j-10-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871081 3', mRNA sequence /clone=IMAGE:5871081 /clone_end=3' /gb=BM994461 /gi=19719362 /ug=Hs.434057 /len=2059	BM994461	0.69
5640	0.045065	fcr4471	similar to High mobility group protein 1 (HMG-1) (Amphoterin) (Heparin-binding protein p30) (LOC285227), mRNA	XM_208301	1.20
12580	0.045065	hfcr1554	no match		0.75
11816	0.045065	miob7373	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644 /ug=Hs.21321 /len=3770	NM_145808	1.22
2520	0.045065	ncr5651	KIAA0164 gene product (KIAA0164), mRNA /cds=(254,3016) /gb=NM_014739 /gi=7661957 /ug=Hs.80338 /len=5538	NM_014739	0.83
11257	0.045065	fcrc4985	mRNA for FLJ00086 protein, partial cds. /cds=(1951,3150) /gb=AK024487 /gi=10440487 /ug=Hs.343828 /len=4456	AK024487	0.95
5411	0.043196	ncrc3598	mRNA; cDNA DKFZp566J2446 (from clone DKFZp566J2446)	AL050082	2.15
6865	0.043196	ncrc5780	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa (NDUFA4), mRNA /cds=(91,336) /gb=NM_002489 /gi=4505356 /ug=Hs.50098 /len=518	NM_002489	0.88
3300	0.043196	seoa5787	3-hydroxy-3-methylglutaryl-Coenzyme A reductase (HMGCR), mRNA /cds=(51,2717) /gb=NM_000859 /gi=4557642 /ug=Hs.11899 /len=4471	NM_000859	0.90
14600	0.043196	fcr7295	LOC92719 (LOC92719), mRNA	XM_046853	1.57
2681	0.043196	mioa5085	HBS1-like (S. cerevisiae) (HBS1L), mRNA /cds=(194,2248) /gb=NM_006620 /gi=24431963 /ug=Hs.221040 /len=7163	NM_006620	0.48
6735	0.043196	fcrb3705	Similar to tissue inhibitor of metalloproteinase 2, clone IMAGE:6061436, mRNA (=AL110197.1)	BC040445	1.63
7149	0.041391	fcrb2051	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 1b, mRNA /cds=(49,1134) /gb=NM_002635 /gi=4505774 /ug=Hs.78713 /len=1330	NM_002635	1.01
6634	0.041391	seob0688	surfeit 4 (SURF4), mRNA /cds=(131,940) /gb=NM_033161 /gi=19593984 /ug=Hs.284296 /len=2985	NM_033161	0.71
12571	0.041391	seoc6962	clone IMAGE:3871805, mRNA	BC013255	1.46
2480	0.041391	hfcr5905	topoisomerase (DNA) I (TOP1), mRNA /cds=(247,2544) /gb=NM_003286 /gi=19913404 /ug=Hs.317 /len=3734	NM_003286	0.71
12847	0.041391	mioc0511	chromosome 1 clone RP11-135A15, complete sequence	AC093419	1.13

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
5161	0.041391	seoa3555	basic transcription factor 3 (BTF3), mRNA /cds=(240,728) /gb=NM_001207 /gi=20070129 /ug=Hs.101025 /len=952	NM_001207	0.95
2164	0.041391	mioa2073	KIAA1074 protein (KIAA1074), mRNA /cds=(151,5280) /gb=NM_014915 /gi=7662473 /ug=Hs.129218 /len=5360	NM_014915	1.42
8549	0.041391	ncrc5944	chromosome 5 clone CTB-113P19, complete sequence	AC011374	0.39
8801	0.041391	seob9189	DNA sequence from clone RP11-69I17 on chromosome 6, complete sequence	BX276089	1.47
11355	0.039649	miob8773	chondroitin sulfate proteoglycan 6 (bamacan) (CSPG6), mRNA /cds=(92,3745) /gb=NM_005445 /gi=24475891 /ug=Hs.24485 /len=4096	NM_005445	1.09
8981	0.039649	ncrb4264	AV737351 CB cDNA clone CBLALE11 5', mRNA sequence /clone=CBLALE11 /clone_end=5' /gb=AV737351 /gi=10854932 /ug=Hs.444989 /len=511	AV737351	1.06
4197	0.039649	seoa5214	putative translation initiation factor (SUI1), mRNA /cds=(148,489) /gb=NM_005801 /gi=20070210 /ug=Hs.150580 /len=1324	NM_005801	0.31
1506	0.039649	seob4254	septin 2 (SEP2) mRNA, partial cds /cds=(1,1528) /gb=AF179995 /gi=9957543 /ug=Hs.80712 /len=4344	AF179995	0.72
11596	0.037968	seoa9130	mRNA; cDNA DKFZp761K1115 (from clone DKFZp761K1115); partial cds	AL162046	1.08
14175	0.037968	fcrb4981	ribosomal protein, large, P1 (RPLP1), mRNA /cds=(130,474) /gb=NM_001003 /gi=16905511 /ug=Hs.424299 /len=512	NM_001003	0.73
13210	0.037968	mioc2662	hypothetical protein FLJ13188 (FLJ13188), mRNA /cds=(247,948) /gb=NM_022063 /gi=11545770 /ug=Hs.11859 /len=2746	NM_022063	1.19
13577	0.037968	fcrc1781	DKFZP586L2024 protein (NESHBP), mRNA /cds=(364,1824) /gb=NM_015429 /gi=14149685 /ug=Hs.58419 /len=3023	NM_015429	1.10
12705	0.037968	ncrb8105	hypothetical protein FLJ31121 (FLJ31121), mRNA /cds=(15,614) /gb=NM_144723 /gi=21389510 /ug=Hs.350194 /len=1512	NM_144723	1.34
4724	0.037968	seob0288	Niemann-Pick disease, type C1 (NPC1), mRNA /cds=(124,3960) /gb=NM_000271 /gi=4557802 /ug=Hs.76918 /len=4673	NM_000271	1.37
2813	0.037968	seoa1977	ribosomal protein L37a (RPL37A), mRNA /cds=(36,314) /gb=NM_000998 /gi=16306561 /ug=Hs.296290 /len=392	NM_000998	0.59
6359	0.036347	ncrb5595	lysyl oxidase-like 2 (LOXL2), mRNA /cds=(248,2572) /gb=NM_002318 /gi=4505010 /ug=Hs.83354 /len=3432	NM_002318	0.92
14528	0.036347	ncr5172	DNA sequence from clone RP11-177G23 on chromosome 6, complete sequence	AL451064	1.19

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
1305	0.036347	seob7929	cytochrome c oxidase subunit VIIc (COX7C), nuclear gene encoding mitochondrial protein, mRNA /cds=(90,281) /gb=NM_001867 /gi=18105039 /ug=Hs.430075 /len=448	NM_001867	0.65
9530	0.036347	miod4066	hypothetical protein FLJ10856 (FLJ10856), mRNA /cds=(148,1233) /gb=NM_018247 /gi=8922719 /ug=Hs.108530 /len=3720	NM_018247	1.07
12210	0.036347	ncrb7704	cDNA FLJ38039 fis, clone CTONG2013934. /gb=AK095358 /gi=21754600 /ug=Hs.46506 /len=2956	AK095358	1.88
13670	0.036347	mioc1060	hypothetical protein FLJ11506 (FLJ11506), mRNA /cds=(16,963) /gb=NM_024666 /gi=20070334 /ug=Hs.77703 /len=2774	NM_024666	0.62
6772	0.036347	fcrb3897	hypothetical protein FLJ22301 (FLJ22301), mRNA /cds=(696,2054) /gb=NM_024836 /gi=13376246 /ug=Hs.181406 /len=2952	NM_024836	0.70
7475	0.036347	fcrb9430	mRNA; cDNA DKFZp451F056 (from clone DKFZp451F056) /gb=AL832357 /gi=21732919 /ug=Hs.118837 /len=4901	AL832357	1.17
6969	0.034783	fcrb9141	DNA sequence from clone RP11-346A7 on chromosome 10, complete sequence	AL356420	0.46
13206	0.034783	mioc1910	spinal cord-derived growth factor-B (SCDGF-B), transcript variant 1, mRNA /cds=(176,1288) /gb=NM_025208 /gi=15451919 /ug=Hs.112885 /len=3808	NM_025208	1.80
13182	0.034783	fcrc7286	mRNA for KIAA1564 protein, partial cds. /cds=(1,6016) /gb=AB046784 /gi=20521943 /ug=Hs.173421 /len=6143	AB046784	0.90
13750	0.033276	miod5785	heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), transcript variant 1, mRNA /cds=(581,1843) /gb=NM_005463 /gi=14110410 /ug=Hs.372673 /len=3514	NM_005463	1.03
11085	0.033276	miod0974	genomic DNA, chromosome 18 clone:RP11-874N19, complete sequence	AP001032	0.65
11732	0.031823	fcrc6010	hypothetical protein FLJ20699 (FLJ20699), mRNA /cds=(33,1043) /gb=NM_017931 /gi=8923627 /ug=Hs.15125 /len=2594	NM_017931	1.57
6647	0.031823	seob3141	sterol carrier protein 2 (SCP2), mRNA /cds=(22,1665) /gb=NM_002979 /gi=19923232 /ug=Hs.75760 /len=2572	NM_002979	0.92
5938	0.031823	mioa9581	chaperonin containing TCP1, subunit 3 (gamma) (CCT3), mRNA /cds=(1,1635) /gb=NM_005998 /gi=5174726 /ug=Hs.1708 /len=1901	NM_005998	0.99
8355	0.031823	seoa8851	hypothetical protein FLJ12716 (FLJ12716), mRNA /cds=(66,2513) /gb=NM_021942 /gi=21361577 /ug=Hs.5354 /len=3522	NM_021942	1.68
5974	0.031823	mioa9649	KIAA0266 gene product (KIAA0266), mRNA /cds=(734,3034) /gb=NM_021645 /gi=11063982 /ug=Hs.127376 /len=5585	NM_021645	0.88

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
5784	0.031823	ncr2812	suppressor of cytokine signaling 2 (SOCS2), mRNA /cds=(591,1187) /gb=NM_003877 /gi=21536304 /ug=Hs.405946 /len=2210	NM_003877	1.48
4220	0.031823	fcr1312	ribosomal protein S2 (RPS2), mRNA /cds=(12,893) /gb=NM_002952 /gi=15055538 /ug=Hs.356360 /len=978	NM_002952	1.41
14842	0.030424	miod5810	mitochondrion, complete genome	NC_001807	0.60
3968	0.030424	ncr8413	protein tyrosine phosphatase type IVA, member 2 (PTP4A2), transcript variant 1, mRNA /cds=(1011,1514) /gb=NM_003479 /gi=18104974 /ug=Hs.82911 /len=3925	NM_003479	1.49
8180	0.030424	seob8384	wn97f10.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2453803 3' similar to TR:O76003 O76003 THIOREDOXIN-LIKE PROTEIN. ;, mRNA sequence /clone=IMAGE:2453803 /clone_end=3' /gb=AI934154 /gi=5673024 /ug=Hs.215019 /len=425	AI934154	0.87
7123	0.030424	seob4545	KIAA0857 protein (KIAA0857), mRNA /cds=(241,2202) /gb=NM_015470 /gi=24308074 /ug=Hs.24557 /len=4340	NM_015470	0.54
3149	0.030424	fcrb4413	thioredoxin domain-containing (TXNDC), mRNA /cds=(118,960) /gb=NM_030755 /gi=13559515 /ug=Hs.24766 /len=1112	NM_030755	1.27
7520	0.029076	fcrc5850	hypothetical protein FLJ10350 (FLJ10350), mRNA /cds=(676,2340) /gb=NM_018067 /gi=21361780 /ug=Hs.177596 /len=2811	NM_018067	1.27
13151	0.029076	fcrc2670	cell division cycle associated 4 (CDCA4), transcript variant 1, mRNA /cds=(164,889) /gb=NM_017955 /gi=22027508 /ug=Hs.34045 /len=2171	NM_017955	0.74
14798	0.029076	mioc2028	BAC clone RP11-713D19 from 2, complete sequence	AC097724	0.42
12072	0.029076	seob1612	chromosome 8, clone CTD-3091F23, complete sequence	AC139019	2.33
1963	0.027779	hfcr2250	Fanconi anemia, complementation group G (FANCG), mRNA /cds=(493,2361) /gb=NM_004629 /gi=4759335 /ug=Hs.8047 /len=2649	NM_004629	0.84
4038	0.027779	mioa2377	multiple PDZ domain protein (MPDZ), mRNA /cds=(47,6175) /gb=NM_003829 /gi=4505230 /ug=Hs.169378 /len=6582	NM_003829	0.47
6654	0.027779	seob4197	pM5 protein (PM5), mRNA /cds=(1,3669) /gb=NM_014287 /gi=10947030 /ug=Hs.439182 /len=4182	NM_014287	1.59
14209	0.027779	fcrb3995	BX109160 Soares_NhHMPu_S1 cDNA clone IMAGp998H024744, mRNA sequence /clone=IMAGp998H024744_;_IMAGE:1933489 /gb=BX109160 /gi=27877586 /ug=Hs.308982 /len=483	BX109160	0.87

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
13602	0.027779	fcrc5695	UI-1-BC1p-asi-a-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p-asi-a-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-asi-a-02-0-UI /clone_end=3' /gb=BQ011545 /gi=19736446 /ug=Hs.361171 /len=1143	BQ011545	1.54
7497	0.026531	fcrc2156	mRNA for KIAA1266 protein, partial cds. /cds=(131,1936) /gb=AB033092 /gi=6331198 /ug=Hs.58598 /len=5484	AB033092	0.28
4703	0.026531	seoa5554	leukotriene A4 hydrolase (LTA4H), mRNA /cds=(69,1904) /gb=NM_000895 /gi=4505028 /ug=Hs.81118 /len=2060	NM_000895	1.38
13391	0.026531	seoc4720	chondroitin sulfate GalNAcT-2 (GALNACT-2), mRNA /cds=(336,1964) /gb=NM_018590 /gi=24429591 /ug=Hs.180758 /len=3745	NM_018590	1.53
13233	0.026531	mioc0162	synovial sarcoma translocation gene on chromosome 18-like 2 (SS18L2), mRNA /cds=(99,332) /gb=NM_016305 /gi=10047103 /ug=Hs.9774 /len=817	NM_016305	1.19
2815	0.026531	seoa2381	proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA /cds=(110,850) /gb=NM_002791 /gi=23110943 /ug=Hs.410276 /len=1035	NM_002791	1.33
10247	0.026531	seob4887	vimentin (VIM) gene, exon 9 and partial cds	M18895	0.69
12412	0.02533	miob9804	no match		1.05
11608	0.02533	seob2633	DNA sequence from clone RP11-190H11 on chromosome 1, complete sequence	AL606477	1.26
14452	0.02533	hfcr1613	no match		1.13
10151	0.02533	seoa7192	cDNA FLJ36605 fis, clone TRACH2015316, highly similar to VIMENTIN. /cds=(631,1317) /gb=AK093924 /gi=21752883 /ug=Hs.379100 /len=2665	AK093924	0.94
9648	0.024176	seoc4990	Similar to RIKEN cDNA 1500009M05 gene, clone MGC:40370 IMAGE:5105935, mRNA, complete cds /cds=(45,452) /gb=BC032300 /gi=21619026 /ug=Hs.295953 /len=1617	BC032300	0.75
11454	0.024176	miod7165	cDNA FLJ10473 fis, clone NT2RP2000056, weakly similar to PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48)	AK001335	1.58
6622	0.024176	seob4925	aquaporin 1 (channel-forming integral protein, 28kDa) (AQP1), mRNA /cds=(39,848) /gb=NM_000385 /gi=4755121 /ug=Hs.76152 /len=1662	NM_000385	1.35
5400	0.024176	ncrc1885	dUTP pyrophosphatase (DUT), mRNA /cds=(20,514) /gb=NM_001948 /gi=21361335 /ug=Hs.367676 /len=1816	NM_001948	0.97
4862	0.024176	fcrb3321	mRNA for FLJ00005 protein, partial cds. /cds=(1,338) /gb=AK000005 /gi=7209310 /ug=Hs.367690 /len=4706	AK000005	0.94
3844	0.023066	hfcr4007	CGI-101 protein (F-LAN-1), mRNA /cds=(7,636) /gb=NM_016041 /gi=7705603 /ug=Hs.286131 /len=1123	NM_016041	0.76

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9468	0.023066	mioc2997	hypothetical protein MGC13159 (MGC13159), mRNA /cds=(592,1017) /gb=NM_032927 /gi=14249719 /ug=Hs.12845 /len=1759	NM_032927	1.36
12346	0.023066	fcrb9324	selenoprotein H (SELH), mRNA /cds=(243,611) /gb=NM_170746 /gi=25014108 /ug=Hs.290874 /len=834	NM_170746	0.59
12222	0.023066	ncrb4331	GRB2-associated binding protein 3 (GAB3), mRNA /cds=(33,1793) /gb=NM_080612 /gi=18079322 /ug=Hs.102630 /len=4731	NM_080612	2.05
9110	0.023066	fcrc1015	full length insert cDNA clone ZD47C12	AF086286.1	1.22
11482	0.021999	seoc4362	clone IMAGE:5271722, mRNA /gb=BC038786 /gi=24270905 /ug=Hs.190456 /len=1535	BC038786	1.10
10475	0.021999	fcrb9686	solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1 (SLC25A1), mRNA /cds=(100,1035) /gb=NM_005984 /gi=21389314 /ug=Hs.111024 /len=1619	NM_005984	1.12
5821	0.021999	ncr3037	ribosomal protein L11 (RPL11), mRNA /cds=(21,557) /gb=NM_000975 /gi=15431289 /ug=Hs.388664 /len=609	NM_000975	1.41
6633	0.021999	seob0497	HSPCO34 protein (LOC51668), mRNA /cds=(58,402) /gb=NM_016126 /gi=7706382 /ug=Hs.46967 /len=598	NM_016126	0.85
2821	0.020975	seoa3419	DNA sequence from clone RP1-68D15 on chromosome X, complete sequence	AL049563	0.86
6337	0.020975	ncr6142	adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA /cds=(136,1443) /gb=NM_004068 /gi=14917108 /ug=Hs.152936 /len=1936	NM_004068	1.34
11721	0.020975	fcrc4380	Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcript variant 4, mRNA /cds=(495,2903) /gb=NM_014919 /gi=19913345 /ug=Hs.110457 /len=8458	NM_014919	1.00
11501	0.020975	seoc0499	RAB34, member RAS oncogene family (RAB34), mRNA /cds=(206,985) /gb=NM_031934 /gi=21361998 /ug=Hs.301853 /len=1340	NM_031934	1.39
5155	0.020975	seoa2448	phosphoglycerate kinase 1 (PGK1), mRNA /cds=(70,1323) /gb=NM_000291 /gi=22095338 /ug=Hs.78771 /len=2338	NM_000291	2.14
9317	0.020975	seoa9474	no match		0.03
13523	0.019991	seoa4213	UI-H-DI0-auw-o-12-0-UI.s1 NCI_CGAP_DI0 cDNA clone IMAGE:5875427 3', mRNA sequence /clone=IMAGE:5875427 /clone_end=3' /gb=BM997944 /gi=19722845 /ug=Hs.444026 /len=753	BM997944	2.28
6888	0.019991	seob8321	enolase 1, (alpha) (ENO1), mRNA /cds=(152,1456) /gb=NM_001428 /gi=16507965 /ug=Hs.254105 /len=1812	NM_001428	0.44
6959	0.019991	fcrb8151	HLCS gene for holocarboxylase synthetase, complete cds	AB063285	1.45

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
14635	0.019047	ncrc8892	hypothetical protein DKFZp434G1415 (DKFZP434G1415), mRNA /cds=(35,2140) /gb=NM_031292 /gi=13775209 /ug=Hs.151093 /len=3495	NM_031292	0.52
13459	0.019047	seoa2641	N-ethylmaleimide-sensitive factor (NSF), mRNA /cds=(61,2295) /gb=NM_006178 /gi=11079227 /ug=Hs.108802 /len=3960	NM_006178	1.60
13716	0.018141	mioc3139	chromosome 15 open reading frame 12 (C15orf12), nuclear gene encoding mitochondrial protein, mRNA /cds=(48,602) /gb=NM_018285 /gi=8922793 /ug=Hs.6118 /len=1115	NM_018285	0.79
10996	0.018141	miob7201	BX118052 Soares breast 2NbHBst cDNA clone IMAGp998C21252, mRNA sequence /clone=IMAGp998C21252_;_IMAGE:158156 /gb=BX118052 /gi=27840946 /ug=Hs.32250 /len=612	BX118052	0.72
9200	0.018141	mioc6937	602387746F1 NIH_MGC_93 cDNA clone IMAGE:4516739 5', mRNA sequence /clone=IMAGE:4516739 /clone_end=5' /gb=BG287971 /gi=13042340 /ug=Hs.303110 /len=749	BG287971	0.43
7005	0.018141	fcrb9161	clone MGC:24133 IMAGE:4693393, mRNA, complete cds /cds=(61,528) /gb=BC017973 /gi=22450811 /ug=Hs.288010 /len=946	BC017973	1.88
6970	0.018141	fcrb9254	neuroplastoma apoptosis-related RNA-binding protein (CUGBP2) gene, exons 10, 11a, 11b, 12, 13a, 13b, 14, and complete cds, alternatively spliced	AF295068	1.37
3507	0.018141	fcrb5813	UI-H-DT0-atx-l-07-0-UI.s1 NCI_CGAP_DT0 cDNA clone IMAGE:5865750 3', mRNA sequence /clone=IMAGE:5865750 /clone_end=3' /gb=BM994183 /gi=19719084 /ug=Hs.412022 /len=1284	BM994183	1.07
6139	0.017272	fcr3664	cofilin 1 (non-muscle) (CFL1), mRNA /cds=(52,552) /gb=NM_005507 /gi=5031634 /ug=Hs.180370 /len=1059	NM_005507	1.42
13807	0.016439	seoc0945	solute carrier family 16 (monocarboxylic acid transporters), member 1 (SLC16A1), mRNA /cds=(194,1696) /gb=NM_003051 /gi=19923752 /ug=Hs.75231 /len=3410	NM_003051	0.56
310	0.016439	mioa6442	kinesin family member 13B (KIF13B), mRNA /cds=(38,5518) /gb=NM_015254 /gi=13194196 /ug=Hs.15711 /len=8743	NM_015254	1.50
6623	0.014875	seob5069	attractin (ATRN), transcript variant 1, mRNA /cds=(80,4369) /gb=NM_139321 /gi=21450860 /ug=Hs.194019 /len=8645	NM_139321	0.86
7224	0.014875	ncrc0217	hypothetical protein FLJ20312 (FLJ20312), mRNA /cds=(384,803) /gb=NM_017761 /gi=20127576 /ug=Hs.7862 /len=2382	NM_017761	0.88

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
4146	0.014142	miob2656	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6 (SERPINB6), mRNA /cds=(75,1205) /gb=NM_004568 /gi=28077084 /ug=Hs.41072 /len=1361	NM_004568	0.91
7749	0.014142	seob8515	mRNA; cDNA DKFZp666E058 (from clone DKFZp666E058) /gb=AL833023 /gi=21733613 /ug=Hs.379886 /len=1761	AL833023	1.15
1274	0.01344	fcrb3543	HSJ1a (HSJ1) mRNA, complete cds; alternatively spliced. /cds=(26,859) /gb=S37375 /gi=250081 /ug=Hs.433237 /len=1760	S37375	0.77
14289	0.01344	mioc0829	PAC clone RP4-798C17 from 7, complete sequence	AC004889	1.80
13200	0.01344	mioc0714	cDNA FLJ12726 fis, clone NT2RP2000001, highly similar to mRNA for KIAA1111 protein	AK022788	1.53
13305	0.012769	mioc7986	apoptosis inhibitor 5 (API5), mRNA /cds=(133,1647) /gb=NM_006595 /gi=5729729 /ug=Hs.227913 /len=3739	NM_006595	1.36
14455	0.012769	miob0074	no match		0.66
9682	0.012769	seoa6743	BX091044 Soares retina N2b4HR cDNA clone IMAGp998D18828 ; IMAGE:360161, mRNA sequence /clone=IMAGp998D18828_;_IMAGE:360161 /gb=BX091044 /gi=27826224 /ug=Hs.435655 /len=644	BX091044	1.05
13469	0.012769	seoa9467	clone IMAGE:5299642, mRNA /gb=BC041913 /gi=27469540 /ug=Hs.17132 /len=2227	BC041913	0.87
12510	0.012769	seob9406	hypothetical protein DKFZp564F013 (DKFZP564F013), mRNA /cds=(107,2194) /gb=NM_020432 /gi=24308192 /ug=Hs.128653 /len=4572	NM_020432	1.37
11398	0.012127	mioc8153	CGI-147 protein (CGI-147), mRNA /cds=(128,667) /gb=NM_016077 /gi=7706350 /ug=Hs.12677 /len=806	NM_016077	0.51
10293	0.012127	ncr8429	BX102130 NCI_CGAP_Pr3 cDNA clone IMAGp998P072795, mRNA sequence /clone=IMAGp998P072795_;_IMAGE:1115766 /gb=BX102130 /gi=27831621 /ug=Hs.433046 /len=450	BX102130	1.26
998	0.012127	seob3485	down-regulator of transcription 1, TBP-binding (negative cofactor 2) (DR1), mRNA /cds=(548,1078) /gb=NM_001938 /gi=4503380 /ug=Hs.16697 /len=1375	NM_001938	0.72
11692	0.011512	ncr7292	KIAA0874 protein (KIAA0874), mRNA /cds=(1,6189) /gb=NM_015208 /gi=14140237 /ug=Hs.27973 /len=6189	NM_015208	1.59
6717	0.011512	fcrb2041	fer-1-like 3, myoferlin (C. elegans) (FER1L3), transcript variant 1, mRNA /cds=(89,6274) /gb=NM_013451 /gi=19718757 /ug=Hs.234680 /len=6829	NM_013451	0.79

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
1720	0.011512	ncrc6382	KIAA0971 protein (KIAA0971), mRNA /cds=(59,2005) /gb=NM_014929 /gi=7662421 /ug=Hs.84429 /len=4999	NM_014929	0.95
5138	0.011512	fcrb9680	exostoses (multiple) 2 (EXT2), mRNA /cds=(488,2644) /gb=NM_000401 /gi=4557572 /ug=Hs.75334 /len=3781	NM_000401	0.33
4307	0.011512	hfcr3149	mitochondrial solute carrier protein (MSCP), mRNA	NM_018579	1.08
9072	0.010925	fcrc0166	clone MGC:20469 IMAGE:4554554, mRNA, complete cds /cds=(208,1149) /gb=BC012182 /gi=15082546 /ug=Hs.82508 /len=1862	BC012182	1.30
6750	0.010925	fcrb6031	ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), mRNA /cds=(63,719) /gb=NM_016638 /gi=7706183 /ug=Hs.103561 /len=952	NM_016638	1.14
6006	0.010364	seoa0429	ribosomal protein L23a (RPL23A), mRNA /cds=(22,492) /gb=NM_000984 /gi=17105393 /ug=Hs.419463 /len=546	NM_000984	1.04
6646	0.010364	seob2966	protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA /cds=(1,3093) /gb=NM_002480 /gi=4505316 /ug=Hs.16533 /len=4613	NM_002480	1.17
3029	0.010364	fcrb4226	Yip1p-interacting factor (YIF1P), mRNA /cds=(116,997) /gb=NM_020470 /gi=9994168 /ug=Hs.406422 /len=1078	NM_020470	0.49
11553	0.009828	seoa6607	CAR (RFP2) gene, complete cds; DLEU2 and DLEU1 genes, complete sequence; and RPL18 and p48/Hip pseudogenes, complete sequence	AF279660	1.85
12765	0.009316	ncrc9552	BAC clone RP11-477N3 from 2, complete sequence	AC008280	1.25
14690	0.009316	fcrc1011	cDNA FLJ35033 fis, clone OCBBF2016590, weakly similar to CELL SURFACE ANTIGEN 114/A10 PRECURSOR. /cds=(407,934) /gb=AK092352 /gi=21750925 /ug=Hs.156113 /len=2884	AK092352	0.76
1648	0.009316	ncrc0729	mRNA; cDNA DKFZp564E193 (from clone DKFZp564E193) /gb=AL049259 /gi=4500005 /ug=Hs.333141 /len=1691	AL049259	0.74
13747	0.008828	miod5122	hypothetical protein MGC23401 (MGC23401), mRNA /cds=(258,1334) /gb=NM_144982 /gi=21450672 /ug=Hs.245383 /len=1510	NM_144982	1.45
10358	0.008828	fcrb5816	3 BAC RP11-669C7 (Roswell Park Cancer Institute BAC Library) complete sequence	AC117467	1.00
2930	0.008828	fcrb1428	vascular Rab-GAP/TBC-containing (VRP), mRNA /cds=(1118,3811) /gb=NM_007063 /gi=5902153 /ug=Hs.164170 /len=4404	NM_007063	1.82
14288	0.008828	mioc0669	small acidic protein (SMAP), mRNA /cds=(137,688) /gb=NM_014267 /gi=20070245 /ug=Hs.78050 /len=1504	NM_014267	0.80
6102	0.008362	fcr3323	homer 2 (Drosophila) (HOMER2), mRNA /cds=(1,1065) /gb=NM_004839 /gi=4758547 /ug=Hs.93564 /len=1800	NM_004839	0.61

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
11545	0.008362	miob1698	UI-H-CO0-aqn-g-08-0-UI.s1 NCI_CGAP_Sub9 cDNA clone IMAGE: 3104798 3', mRNA sequence /clone=IMAGE:_3104798 /clone_end=3' /gb=BM987319 /gi=19706708 /ug=Hs.445870 /len=655	BM987319	2.10
6752	0.007917	ncrb8343	tumor endothelial marker 6 (TEM6), mRNA /cds=(93,3710) /gb=NM_022748 /gi=17511208 /ug=Hs.12210 /len=6702	NM_022748	1.35
13134	0.007917	fcrc5614	sine oculis homeobox 2 (Drosophila) (SIX2), mRNA /cds=(283,1158) /gb=NM_016932 /gi=21314676 /ug=Hs.101937 /len=2141	NM_016932	1.24
6661	0.00709	seob5478	stromal antigen 1 (STAG1), mRNA /cds=(401,4177) /gb=NM_005862 /gi=5032062 /ug=Hs.286148 /len=4337	NM_005862	1.28
11364	0.00599	mioc0728	NAD(P)H dehydrogenase, quinone 1 (NQO1), mRNA /cds=(51,875) /gb=NM_000903 /gi=4505414 /ug=Hs.406515 /len=2447	NM_000903	0.66
1919	0.005989	fcr1973	no match		0.18
3791	0.005343	fcr1984	TNF receptor-associated factor 4 (TRAF4), transcript variant 1, mRNA /cds=(86,1498) /gb=NM_004295 /gi=22027621 /ug=Hs.8375 /len=1999	NM_004295	0.82
7637	0.005343	mioc3930	serum response factor (c-fos serum response element-binding transcription factor) (SRF), mRNA /cds=(359,1885) /gb=NM_003131 /gi=4507204 /ug=Hs.155321 /len=4201	NM_003131	0.60
13507	0.005043	seob0249	ho25d05.x1 NCI_CGAP_Co14 cDNA clone IMAGE:3038409 3', mRNA sequence /clone=IMAGE:3038409 /clone_end=3' /gb=BE042545 /gi=8359683 /ug=Hs.276275 /len=448	BE042545	2.24
8179	0.005043	miod7421	karyopherin (importin) beta 3 (KPNB3), mRNA /cds=(139,3486) /gb=NM_002271 /gi=24797085 /ug=Hs.113503 /len=5977	NM_002271	0.13
6322	0.005043	ncrb4990	chromosome Y, clone 486_O_8, complete sequence	AC002531	1.19
4221	0.004758	fcr1478	no match		1.32
2412	0.004487	fcr7042	guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNB2), mRNA /cds=(259,1281) /gb=NM_005273 /gi=20357528 /ug=Hs.91299 /len=1666	NM_005273	1.10
13520	0.004487	seoa3856	cDNA FLJ12961 fis, clone NT2RP2005645	AK023023	0.16
13330	0.003986	seob8741	bridging integrator 2 (BIN2), mRNA /cds=(39,1736) /gb=NM_016293 /gi=7706486 /ug=Hs.14770 /len=2206	NM_016293	2.32
12688	0.003986	ncrb3957	myxoid liposarcoma associated protein 4 (MLAT4), mRNA /cds=(199,2325) /gb=NM_018192 /gi=27764881 /ug=Hs.42824 /len=3396	NM_018192	0.31
692	0.003986	ncr8628	chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1), mRNA /cds=(127,1278) /gb=NM_001276 /gi=4557017 /ug=Hs.75184 /len=1925	NM_001276	0.90

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
4301	0.003327	hfcr1811	mRNA for KIAA1404 protein, partial cds. /cds=(65,5842) /gb=AB037825 /gi=7243188 /ug=Hs.200317 /len=7204	AB037825	0.73
11446	0.003327	miod5703	ornithine decarboxylase antizyme 1 (OAZ1), mRNA /gb=NM_004152 /gi=9845504 /ug=Hs.281960 /len=986	NM_004152	1.03
9545	0.003327	mioc4028	mRNA; cDNA DKFZp686C117 (from clone DKFZp686C117) /gb=AL832773 /gi=21733355 /ug=Hs.433512 /len=5984	AL832773	2.01
6957	0.00313	fcrb7944	ATP synthase, H transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein) (ATP5O), mRNA /cds=(37,678) /gb=NM_001697 /gi=4502302 /ug=Hs.433960 /len=772	NM_001697	0.46
13304	0.00313	mioc7766	wl27d01.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2426113 3', mRNA sequence /clone=IMAGE:2426113 /clone_end=3' /gb=AI866216 /gi=5530323 /ug=Hs.413738 /len=133	AI866216	1.62
13152	0.00313	fcrc2807	cDNA FLJ13545 fis, clone PLACE1006867. /gb=AK023607 /gi=10435587 /ug=Hs.421529 /len=1887	AK023607	0.52
13856	0.002599	seoc3965	myeloid differentiation primary response gene (88) (MYD88), mRNA /cds=(40,930) /gb=NM_002468 /gi=19923143 /ug=Hs.82116 /len=2678	NM_002468	1.73
13139	0.002441	fcrc6345	chromosome 1 open reading frame 8 (C1orf8), mRNA /cds=(251,1222) /gb=NM_004872 /gi=27545320 /ug=Hs.416495 /len=1709	NM_004872	1.54
1031	0.002441	seob3112	decorin (DCN), transcript variant A1, mRNA /cds=(200,1279) /gb=NM_001920 /gi=19743844 /ug=Hs.433989 /len=1751	NM_001920	0.84
14291	0.002441	mioc1203	calmodulin 2 (phosphorylase kinase, delta) (CALM2), mRNA /cds=(69,518) /gb=NM_001743 /gi=20428653 /ug=Hs.425808 /len=1128	NM_001743	0.43
13190	0.002292	miob8572	membrane-spanning 4-domains, subfamily A, member 6A (MS4A6A), transcript variant 1, mRNA /cds=(239,985) /gb=NM_152852 /gi=23238237 /ug=Hs.17914 /len=1564	NM_152852	1.65
7629	0.00215	mioc2451	spermidine/spermine N1-acetyltransferase (SAT), mRNA /cds=(166,681) /gb=NM_002970 /gi=4506788 /ug=Hs.28491 /len=1060	NM_002970	2.08
6683	0.00215	fcrb2162	lamin A/C (LMNA), transcript variant 1, mRNA /cds=(213,2207) /gb=NM_170707 /gi=27436945 /ug=Hs.377973 /len=3181	NM_170707	0.82
12715	0.002017	ncrb1329	cDNA FLJ31753 fis, clone NT2RI2007468. /gb=AK056315 /gi=16551681 /ug=Hs.349283 /len=2361	AK056315	0.75
6027	0.00166	miob4308	mesenchyme homeo box 2 (growth arrest-specific homeo box) (MEOX2), mRNA /cds=(182,1093) /gb=NM_005924 /gi=21396478 /ug=Hs.77858 /len=2284	NM_005924	0.99

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
12778	0.001188	fcrb9359	cDNA FLJ33834 fis, clone CTONG2004264, moderately similar to NEUROBLAST DIFFERENTIATION ASSOCIATED PROTEIN AHNAK. /cds=(6,2381) /gb=AK091153 /gi=21749455 /ug=Hs.378738 /len=2712	AK091153	1.58
6734	0.001188	fcrb3330	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA /cds=(86,1249) /gb=NM_015640 /gi=7661625 /ug=Hs.165998 /len=2201	NM_015640	0.73
11475	0.001188	seoc2191	mitogen-activated protein kinase kinase kinase 8 (MAP3K8), mRNA /cds=(697,2100) /gb=NM_005204 /gi=22035597 /ug=Hs.248 /len=3096	NM_005204	1.28
11026	0.00111	mioc3960	DNA sequence from clone RP11-460N11 on chromosome 9, complete sequence	AL359955	0.89
8949	0.00111	fcrb1540	tx18g05.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2269592 3', mRNA sequence /clone=IMAGE:2269592 /clone_end=3' /gb=AI612954 /gi=4622121 /ug=Hs.187303 /len=205	AI612954	0.82
11781	9.67E-04	miob7554	serum/glucocorticoid regulated kinase-like (SGKL), transcript variant 1, mRNA /cds=(416,1705) /gb=NM_013257 /gi=25168264 /ug=Hs.380877 /len=4155	NM_013257	1.07
2075	9.02E-04	ncr2472	TRAF family member-associated NFKB activator (TANK), transcript variant 1, mRNA /cds=(159,1436) /gb=NM_004180 /gi=19743568 /ug=Hs.146847 /len=2089	NM_004180	0.78
7437	9.02E-04	fcrb9202	similar to endothelial cell-selective adhesion molecule (ESAM), mRNA /cds=(139,1311) /gb=NM_138961 /gi=20452463 /ug=Hs.173840 /len=1838	NM_138961	1.09
9440	7.84E-04	miob7209	ATP citrate lyase (ACLY), mRNA /cds=(85,3402) /gb=NM_001096 /gi=4501864 /ug=Hs.174140 /len=4297	NM_001096	0.79
12310	5.88E-04	fcrb9167	602644358F1 NIH_MGC_61 cDNA clone IMAGE:4775006 5', mRNA sequence /clone=IMAGE:4775006 /clone_end=5' /gb=BG615069 /gi=13666440 /ug=Hs.190422 /len=770	BG615069	1.67
4313	5.47E-04	hfcr4477	chromosome 20 open reading frame 167 (C20orf167), mRNA /cds=(64,1053) /gb=NM_052951 /gi=16418440 /ug=Hs.26213 /len=1296	NM_052951	0.51
1749	5.08E-04	fcrb4995	hypothetical protein MGC20781 (MGC20781), mRNA /cds=(366,1139) /gb=NM_052935 /gi=16418414 /ug=Hs.237536 /len=1476	NM_052935	0.81
11811	4.38E-04	fcrc6948	cDNA FLJ11481 fis, clone HEMBA1001803. /gb=AK021543 /gi=10432744 /ug=Hs.135159 /len=1539	AK021543	1.06

TABLE 3Q Genes Corresponding To Genes Shared as Between Hypertension and OA					
8708	4.06E-04	miod0431	BX111624 NCI_CGAP_Lu5 cDNA clone IMAGp998D244068, mRNA sequence /clone=IMAGp998D244068_;_IMAGE:1604327 /gb=BX111624 /gi=27837123 /ug=Hs.184840 /len=808	BX111624	1.11
11691	3.77E-04	ncr7090	clone MGC:16714 IMAGE:4128220, mRNA, complete cds	BC009336	1.15
13388	3.77E-04	seoc3773	fos-related antigen DNA, exon 4	X98050	0.95
8970	2.99E-04	ncrb0940	on43h10.y5 NCI_CGAP_Co8 cDNA clone IMAGE:1559491 5', mRNA sequence /clone=IMAGE:1559491 /clone_end=5' /gb=AI793153 /gi=5340869 /ug=Hs.58262 /len=521	AI793153	0.88
5498	2.19E-04	fcrb6191	polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA /cds=(107,625) /gb=NM_002696 /gi=4505946 /ug=Hs.14839 /len=828	NM_002696	1.36
13188	9.60E-05	miob8143	hypothetical protein PRO2013 (PRO2013), mRNA /cds=(136,381) /gb=NM_021243 /gi=24308272 /ug=Hs.238205 /len=876	NM_021243	1.17
13222	6.22E-05	miob7716	yf95a11.s1 Soares infant brain 1NIB cDNA clone IMAGE:30037 3', mRNA sequence /clone=IMAGE:30037 /clone_end=3' /gb=R41424 /gi=816727 /ug=Hs.387904 /len=396	R41424	1.38